



Patent  
Attorney's Docket No. 1019952-000185

*[Signature]*

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of ) Group Art Unit: 3735  
Wataru Karino et al. )  
Application No.: 10/809,547 ) Examiner: Ahmed M. Farah  
Filed: March 26, 2004 ) Confirmation No.: 6138  
For: ENERGY IRRADIATION )  
APPARATUS )  
)

**DISCUSSION OF SUBSTANCE OF TELEPHONIC INTERVIEW**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Examiner Farah telephoned the undersigned requesting authorization to incorporate several minor changes to Claims 21-23 for purposes of improving the form of the claims, providing consistency in the claim wording and to change the dependency of one claim. In particular, the Examiner requested authorization to change the word "comprises" in line 4 of Claim 21 to --comprising--, insert the phrase --the optical-- before "fiber" in line 2 of Claim 22, and change the dependency of Claim 23 to Claim 21. The undersigned authorized the Examiner to make such changes. The changes do not, and are not intended to, narrow the claim scope.

Should any questions arise concerning this application, the undersigned respectfully requests that he be contacted at the number indicated below.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date: January 16, 2007

By: Matthew L. Schneider  
Matthew L. Schneider  
Registration No. 32814

P.O. Box 1404  
Alexandria, VA 22313-1404  
703 836 6620